

***Initial Parameter List For Sensitivity/Uncertainty Analysis And Output DSN from the UCI file.,,,,"

""""""""""""""""""""
***Following Output IDs are the first two ID read from the EXT TARGET block of the UCI file. You can add more.,,,,"

""""""""""""""""""
***Locations,RCH630,RCH635,RCH637,RCH640,RCH650,RCH660,RCH670,RCH800,RCH810,RCH820, RCH830,RCH840,RCH850,RCH860,RCH870,RCH880,RCH890,RCH752,RCH512,RCH523,RCH524,,,,
DSN,6320,9635,9637,6420,9650,9660,9670,9800,9810,9820,9830,9840,9850,9860,8690,9880,9890,752
7,5130,5250,5255,,,"

""""""""""""""""
***The operation number, land use, tied with next, and multiplier can be left blank",,,,"

""""""""""""""
ParmID,OPN_Type,Table_Name,Parm_Name,Occur_Or_MLNumber,Mult_Factor_FG,OPN_Number_Or _Name,Lower_Limit,Upper_Limit,Comments (This column will be ignored by HSPEXP+),,,,"

1,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,2,1,,,PO4 MASS Link,,,"

2,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,2,1,,,NO3 MASS Link,,,"

3,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,2,1,,,TAM MASS LINK,,,"

4,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,2,1,,,BOD MASS LINK,,,"

5,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,2,1,,,OrgN MASS LINK,,,"

6,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,2,1,,,OrgP MASS LINK,,,"

7,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,2,1,,,OrgC MASS LINK,,,"

8,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,5,1,,,PO4 Surface water Outflow,,,"

9,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,5,1,,,PO4 Surface water Outflow with water from upper layer storage,,,"

10,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,5,1,,,PO4 outflow with water from active groundwater,,,"

11,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,5,1,,,adsorbed PO4,,,"

12,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,5,1,,,adsorbed PO4,,,"

13,,MASS-
LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,5,1,,,Nitrate,,
14,,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,5,1,,,Dissolved
NH3,,
15,,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,5,1,,,Dissolved
NH3,,
16,,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,5,1,,,Dissolved
NH3,,
17,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,5,1,,,adsorbed
NH3,,
18,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,5,1,,,adsorbed
NH3,,
19,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,5,1,,,Refractory Organic
N,,
20,,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,5,1,,,Labile Org
N,,
21,,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,5,1,,,Refractory Organic
P,,
22,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,5,1,,,Refractory Organic
C,,
23,,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,1,1,,,PO4 MASS
Link,,
24,,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,1,1,,,NO3 MASS
Link,,
25,,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,1,1,,,TAM MASS
LINK,,
26,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,1,1,,,BOD MASS
LINK,,
27,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,1,1,,,OrgN MASS
LINK,,
28,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,1,1,,,OrgP MASS
LINK,,
29,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,1,1,,,OrgC MASS
LINK,,
30,Point,EXTNL-SOURCES,NUIF1:4:0,,1,102-420,,Point Source of
PO4,,
31,Point,EXTNL-SOURCES,NUIF1:1:0,,1,102-420,,Point Source of

NO3,,,"

32,Point,EXTNL-SOURCES,NUIF1:2:0,,1,102-420,,Point Source of
TAM,,,"

33,Point,EXTNL-SOURCES,OXIF:2:0,,1,102-420,,Point Source of
BOD,,,"

34,Point,EXTNL-SOURCES,PKIF:3:0,,1,102-420,,Point source of
OrgN,,,"

35,Point,EXTNL-SOURCES,PKIF:4:0,,1,102-420,,Point Source of
OrgP,,,"

36,Point,EXTNL-SOURCES,PKIF:5:0,,1,102-420,,Point Source of
OrgC,,,"

37,Point,EXTNL-SOURCES,NUIF1:4:0,,1,703,,Point Source of
PO4,,,"

38,Point,EXTNL-SOURCES,NUIF1:1:0,,1,703,,Point Source of
NO3,,,"

39,Point,EXTNL-SOURCES,NUIF1:2:0,,1,703,,Point Source of
TAM,,,"

40,Point,EXTNL-SOURCES,OXIF:2:0,,1,703,,Point Source of
BOD,,,"

41,Point,EXTNL-SOURCES,PKIF:3:0,,1,703,,Point source of
OrgN,,,"

42,Point,EXTNL-SOURCES,PKIF:4:0,,1,703,,Point Source of
OrgP,,,"

43,Point,EXTNL-SOURCES,PKIF:5:0,,1,703,,Point Source of
OrgC,,,"

44,RCHRES,NUT-BEDCONC,BNH4(1),,1,100-
500,,,"

45,RCHRES,NUT-BEDCONC,BNH4(2),,1,100-
500,,,"

46,RCHRES,NUT-BEDCONC,BNH4(3),,1,100-
500,,,"

47,RCHRES,NUT-BEDCONC,BPO4(1),,1,100-
500,,,"

48,RCHRES,NUT-BEDCONC,BPO4(2),,1,100-
500,,,"

49,RCHRES,NUT-BEDCONC,BPO4(3),,1,100-
500,,,"

50,RCHRES,NUT-BEDCONC,BNH4(1),,1,514-
515,,,,
51,RCHRES,NUT-BEDCONC,BNH4(2),,1,514-
515,,,,
52,RCHRES,NUT-BEDCONC,BNH4(3),,1,514-
515,,,,
53,RCHRES,NUT-BEDCONC,BPO4(1),,1,514-
515,,,,
54,RCHRES,NUT-BEDCONC,BPO4(2),,1,514-
515,,,,
55,RCHRES,NUT-BEDCONC,BPO4(3),,1,514-
515,,,
56,RCHRES,NUT-BEDCONC,BNH4(1),,1,600-
609,,,,
57,RCHRES,NUT-BEDCONC,BNH4(2),,1,600-
609,,,,
58,RCHRES,NUT-BEDCONC,BNH4(3),,1,600-
609,,,,
59,RCHRES,NUT-BEDCONC,BPO4(1),,1,600-
609,,,,
60,RCHRES,NUT-BEDCONC,BPO4(2),,1,600-
609,,,,
61,RCHRES,NUT-BEDCONC,BPO4(3),,1,600-
609,,,,
62,RCHRES,NUT-BEDCONC,BNH4(1),,1,702-
708,,,,
63,RCHRES,NUT-BEDCONC,BNH4(2),,1,702-
708,,,,
64,RCHRES,NUT-BEDCONC,BNH4(3),,1,702-
708,,,,
65,RCHRES,NUT-BEDCONC,BPO4(1),,1,702-
708,,,,
66,RCHRES,NUT-BEDCONC,BPO4(2),,1,702-
708,,,,
67,RCHRES,NUT-BEDCONC,BPO4(3),,1,702-
708,,,,
68,RCHRES,NUT-
BEDCONC,BNH4(1),,1,714,,,,

69,RCHRES,NUT-BEDCONC,BNH4(2),,1,714,,

70,RCHRES,NUT-BEDCONC,BNH4(3),,1,714,,

71,RCHRES,NUT-BEDCONC,BPO4(1),,1,714,,

72,RCHRES,NUT-BEDCONC,BPO4(2),,1,714,,

73,RCHRES,NUT-BEDCONC,BPO4(3),,1,714,,

***The parameters below are for the locations in Oklahoma,

74,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,21,1,,,PO4 MASS Link,,

75,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,21,1,,,NO3 MASS Link,,

76,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,21,1,,,TAM MASS LINK,,

77,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,21,1,,,BOD MASS LINK,,

78,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,21,1,,,OrgN MASS LINK,,

79,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,21,1,,,OrgP MASS LINK,,

80,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,21,1,,,OrgC MASS LINK,,

81,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,51,1,,,PO4 Surface water Outflow,,

82,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,51,1,,,PO4 Surface water Outflow with water from upper layer storage,,

83,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,51,1,,,PO4 outflow with water from active groundwater,,

84,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,51,1,,,adsorbed PO4,,

85,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,51,1,,,adsorbed PO4,,

86,,MASS-
LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,51,1,,,Nitrate,,,"

87,,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,51,1,,,Dissolved
NH3,,,"

88,,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,51,1,,,Dissolved
NH3,,,"

89,,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,51,1,,,Dissolved
NH3,,,"

90,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,51,1,,,adsorbed
NH3,,,"

91,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,51,1,,,adsorbed
NH3,,,"

92,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,51,1,,,Refractory Organic
N,,,"

93,,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,51,1,,,Labile Org
N,,,"

94,,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,51,1,,,Refractory Organic
P,,,"

95,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,51,1,,,Refractory Organic
C,,,"

96,,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,11,1,,,PO4 MASS
Link,,,"

97,,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,11,1,,,NO3 MASS
Link,,,"

98,,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,11,1,,,TAM MASS
LINK,,,"

99,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,11,1,,,BOD MASS
LINK,,,"

100,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,11,1,,,OrgN MASS
LINK,,,"

101,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,11,1,,,OrgP MASS
LINK,,,"

102,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,11,1,,,OrgC MASS
LINK,,,"

103,Point,EXTNL-SOURCES,NUIF1:4:0,,1,516,,Point Source of
PO4,,,"

104,Point,EXTNL-SOURCES,NUIF1:1:0,,1,516,,Point Source of
NO3,,,"

105,Point,EXTNL-SOURCES,NUIF1:2:0,,1,516,,,Point Source of
TAM,.....

106,Point,EXTNL-SOURCES,OXIF:2:0,,1,516,,,Point Source of
BOD,.....

107,Point,EXTNL-SOURCES,PKIF:3:0,,1,516,,,Point source of
OrgN,.....

108,Point,EXTNL-SOURCES,PKIF:4:0,,1,516,,,Point Source of
OrgP,.....

109,Point,EXTNL-SOURCES,PKIF:5:0,,1,516,,,Point Source of
OrgC,.....

110,Point,EXTNL-SOURCES,NUIF1:4:0,,1,725-902,,,Point Source of
PO4,.....

111,Point,EXTNL-SOURCES,NUIF1:1:0,,1,725-902,,,Point Source of
NO3,.....

112,Point,EXTNL-SOURCES,NUIF1:2:0,,1,725-902,,,Point Source of
TAM,.....

113,Point,EXTNL-SOURCES,OXIF:2:0,,1,725-902,,,Point Source of
BOD,.....

114,Point,EXTNL-SOURCES,PKIF:3:0,,1,725-902,,,Point source of
OrgN,.....

115,Point,EXTNL-SOURCES,PKIF:4:0,,1,725-902,,,Point Source of
OrgP,.....

116,Point,EXTNL-SOURCES,PKIF:5:0,,1,725-902,,,Point Source of
OrgC,.....

117,RCHRES,NUT-
BEDCONC,BNH4(1),,1,512,.....

118,RCHRES,NUT-
BEDCONC,BNH4(2),,1,512,.....

119,RCHRES,NUT-
BEDCONC,BNH4(3),,1,512,.....

120,RCHRES,NUT-
BEDCONC,BPO4(1),,1,512,.....

121,RCHRES,NUT-
BEDCONC,BPO4(2),,1,512,.....

122,RCHRES,NUT-
BEDCONC,BPO4(3),,1,512,.....

123,RCHRES,NUT-BEDCONC,BNH4(1),,1,516-

524,,,""124,RCHRES,NUT-BEDCONC,BNH4(2),,1,516-
524,,,""125,RCHRES,NUT-BEDCONC,BNH4(3),,1,516-
524,,,""126,RCHRES,NUT-BEDCONC,BPO4(1),,1,516-
524,,,""127,RCHRES,NUT-BEDCONC,BPO4(2),,1,516-
524,,,""128,RCHRES,NUT-BEDCONC,BPO4(3),,1,516-
524,,,""129,RCHRES,NUT-BEDCONC,BNH4(1),,1,612-
670,,,""130,RCHRES,NUT-BEDCONC,BNH4(2),,1,612-
670,,,""131,RCHRES,NUT-BEDCONC,BNH4(3),,1,612-
670,,,""132,RCHRES,NUT-BEDCONC,BPO4(1),,1,612-
670,,,""133,RCHRES,NUT-BEDCONC,BPO4(2),,1,612-
670,,,""134,RCHRES,NUT-BEDCONC,BPO4(3),,1,612-
670,,,""135,RCHRES,NUT-
BEDCONC,BNH4(1),,1,712,,,""136,RCHRES,NUT-
BEDCONC,BNH4(2),,1,712,,,""137,RCHRES,NUT-
BEDCONC,BNH4(3),,1,712,,,""138,RCHRES,NUT-
BEDCONC,BPO4(1),,1,712,,,""139,RCHRES,NUT-
BEDCONC,BPO4(2),,1,712,,,""140,RCHRES,NUT-
BEDCONC,BPO4(3),,1,712,,,""141,RCHRES,NUT-BEDCONC,BNH4(1),,1,716-
938,,,""

142,RCHRES,NUT-BEDCONC,BNH4(2),,1,716-
938,,,,

143,RCHRES,NUT-BEDCONC,BNH4(3),,1,716-
938,,,,

144,RCHRES,NUT-BEDCONC,BPO4(1),,1,716-
938,,,,

145,RCHRES,NUT-BEDCONC,BPO4(2),,1,716-
938,,,,

146,RCHRES,NUT-BEDCONC,BPO4(3),,1,716-
938,,,,

***The parameters below are for Flint Creek in Arkansas

147,,MASS-LINK,PQUAL:POQUAL:3:0:INFLOW:NUIF1:4:0,22,1,,,PO4 MASS
Link,,,,

148,,MASS-LINK,PQUAL:POQUAL:1:0:INFLOW:NUIF1:2:0,22,1,,,NO3 MASS
Link,,,,

149,,MASS-LINK,PQUAL:POQUAL:2:0:INFLOW:NUIF1:1:0,22,1,,,TAM MASS
LINK,,,,

150,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:OXIF:2:0,22,1,,,BOD MASS
LINK,,,,

151,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:3:0,22,1,,,OrgN MASS
LINK,,,,

152,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:4:0,22,1,,,OrgP MASS
LINK,,,,

153,,MASS-LINK,PQUAL:POQUAL:4:0:INFLOW:PKIF:5:0,22,1,,,OrgC MASS
LINK,,,,

154,,MASS-LINK,PHOS:TSP4S:1:0:INFLOW:NUIF1:4:0,52,1,,,PO4 Surface water
Outflow,,,,

155,,MASS-LINK,PHOS:TSP4S:5:0:INFLOW:NUIF1:4:0,52,1,,,PO4 Surface water Outflow with water
from upper layer
storage,,,,

156,,MASS-LINK,PHOS:SSP4S:3:0:INFLOW:NUIF1:4:0,52,1,,,PO4 outflow with water from active
groundwater,,,,

157,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:2:2,52,1,,,adsorbed
PO4,,,,

158,,MASS-LINK,PHOS:SEDP:2:0:INFLOW:NUIF2:3:2,52,1,,,adsorbed
PO4,,,,

159,,MASS-

LINK,NITR:PONO3:0:0:INFLOW:NUIF1:1:0,52,1,,,Nitrate,,,"

160,,MASS-LINK,NITR:TSAMS:1:0:INFLOW:NUIF1:2:0,52,1,,,Dissolved
NH3,,,"

161,,MASS-LINK,NITR:TSAMS:5:0:INFLOW:NUIF1:2:0,52,1,,,Dissolved
NH3,,,"

162,,MASS-LINK,NITR:SSAMS:3:0:INFLOW:NUIF1:2:0,52,1,,,Dissolved
NH3,,,"

163,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:2:1,52,1,,,adsorbed
NH3,,,"

164,,MASS-LINK,NITR:SEDN:2:0:INFLOW:NUIF2:3:1,52,1,,,adsorbed
NH3,,,"

165,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:3:0,52,1,,,Refractory Organic
N,,,"

166,,MASS-LINK,NITR:POORN:0:0:INFLOW:OXIF:2:0,52,1,,,Labile Org
N,,,"

167,,MASS-LINK,PHOS:SEDP:1:0:INFLOW:PKIF:4:0,52,1,,,Refractory Organic
P,,,"

168,,MASS-LINK,NITR:POORN:0:0:INFLOW:PKIF:5:0,52,1,,,Refractory Organic
C,,,"

169,,MASS-LINK,IQUAL:SOQUAL:3:0:INFLOW:NUIF1:4:0,12,1,,,PO4 MASS
Link,,,"

170,,MASS-LINK,IQUAL:SOQUAL:1:0:INFLOW:NUIF1:2:0,12,1,,,NO3 MASS
Link,,,"

171,,MASS-LINK,IQUAL:SOQUAL:2:0:INFLOW:NUIF1:1:0,12,1,,,TAM MASS
LINK,,,"

172,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:OXIF:2:0,12,1,,,BOD MASS
LINK,,,"

173,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:3:0,12,1,,,OrgN MASS
LINK,,,"

174,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:4:0,12,1,,,OrgP MASS
LINK,,,"

175,,MASS-LINK,IQUAL:SOQUAL:4:0:INFLOW:PKIF:5:0,12,1,,,OrgC MASS
LINK,,,"

176,RCHRES,NUT-BEDCONC,BNH4(1),,1,502-
508,,,"

177,RCHRES,NUT-BEDCONC,BNH4(2),,1,502-
508,,,"

178,RCHRES,NUT-BEDCONC,BNH4(3),,1,502-
508,,,""","

179,RCHRES,NUT-BEDCONC,BPO4(1),,1,502-
508,,,""","

180,RCHRES,NUT-BEDCONC,BPO4(2),,1,502-
508,,,""","

181,RCHRES,NUT-BEDCONC,BPO4(3),,1,502-
508,,,""","

182,Point,EXTNL-SOURCES,NUIF1:4:0,,1,506,,,Point Source of
PO4,,,""","

183,Point,EXTNL-SOURCES,NUIF1:1:0,,1,506,,,Point Source of
NO3,,,""","

184,Point,EXTNL-SOURCES,NUIF1:2:0,,1,506,,,Point Source of
TAM,,,""","

185,Point,EXTNL-SOURCES,OXIF:2:0,,1,506,,,Point Source of
BOD,,,""","

186,Point,EXTNL-SOURCES,PKIF:3:0,,1,506,,,Point source of
OrgN,,,""","

187,Point,EXTNL-SOURCES,PKIF:4:0,,1,506,,,Point Source of
OrgP,,,""","

188,Point,EXTNL-SOURCES,PKIF:5:0,,1,506,,,Point Source of
OrgC,,,""","

Delete intermediate UCI
files?,0,,,""","

***Following lines list the multiplication factor for each parameter for each
simulation.,,""","

SimID,Parm1,Parm2,Parm3,Parm4,Parm5,Parm6,Parm7,Parm8,Parm9,Parm10,Parm11,Parm12,Parm
13,Parm14,Parm15,Parm16,Parm17,Parm18,Parm19,Parm20,Parm21,Parm22,Parm23,Parm24,Parm2
5,Parm26,Parm27,Parm28,Parm29,Parm30,Parm31,Parm32,Parm33,Parm34,Parm35,Parm36,Parm37,
Parm38,Parm39,Parm40,Parm41,Parm42,Parm43,Parm44,Parm45,Parm46,Parm47,Parm48,Parm49,P
arm50,Parm51,Parm52,Parm53,Parm54,Parm55,Parm56,Parm57,Parm58,Parm59,Parm60,Parm61,P
arm62,Parm63,Parm64,Parm65,Parm66,Parm67,Parm68,Parm69,Parm70,Parm71,Parm72,Parm73,Parm
74,Parm75,Parm76,Parm77,Parm78,Parm79,Parm80,Parm81,Parm82,Parm83,Parm84,Parm85,Parm8
6,Parm87,Parm88,Parm89,Parm90,Parm91,Parm92,Parm93,Parm94,Parm95,Parm96,Parm97,Parm98,
Parm99,Parm100,Parm101,Parm102,Parm103,Parm104,Parm105,Parm106,Parm107,Parm108,Parm10
9,Parm110,Parm111,Parm112,Parm113,Parm114,Parm115,Parm116,Parm117,Parm118,Parm119,P
arm120,Parm121,Parm122,Parm123,Parm124,Parm125,Parm126,Parm127,Parm128,Parm129,Parm130,
Parm131,Parm132,Parm133,Parm134,Parm135,Parm136,Parm137,Parm138,Parm139,Parm140,Parm1
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